



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

ILLINOIS, Northwest

Stephenson County

3 W German Vly **14** **1415CST**
1417CST **0** **50** **0** **0** **0** **1K** **Tornado (F0)**
 Also reported by spotters

Carroll County

2.5 W Lanark **14** **1420CST**
1425CST **0.1** **50** **0** **0** **0** **5K** **Tornado (F0)**
 Near Jct US 52/IL 64 & Dame Rd

Carroll County

2 SE Mt Carroll **14** **1426CST**
1431CST **0.1** **50** **0** **0** **0** **5K** **Tornado (F0)**
 Just South of Jct IL 40 & Cyclone Ridge Rd

Carroll County

2 S Shannon **14** **1430CST**
1435CST **0.1** **50** **0** **0** **0** **5K** **Tornado (F0)**
 Near Jct Locust & Shannon Rte Rds

Stephenson County

.5 NE Florence to
3 S Freeport **14** **1430CST**
1438CST **0.5** **50** **0** **0** **0** **15K** **Tornado (F0)**
 Dissipated near IL 26 & Park Rd.

Stephenson County

7 SE Freeport **14** **1457CST**
1501CST **0** **0** **0** **0** **0** **0** **Funnel Cloud**

Stephenson County

1 SW German Vly **14** **1503CST**
1505CST **0** **50** **0** **0** **0** **1K** **Tornado (F0)**
 Near Montague and Bunker Hill Rds

A lake breeze front moving west from Lake Michigan interacted with a weak boundary over Northwest Illinois and produced numerous land spouts after showers and thunderstorms developed during the afternoon hours. All touchdowns were in rural locations with only crop damage being reported. Due to the slow movement of the parent storms, numerous people documented the land spouts with photographs and cam corders.

Carroll County

Thomson **18** **1506CST** **0** **0** **20K** **Hail(1.00)**
 A line of thunderstorms from Waterloo Iowa to Galena Illinois produced pulse severe storms that resulted in localized high wind and hail damage during the afternoon.

Mcdonough County

Countywide **25** **1600CST**
1800CST **0** **0** **100K** **Heavy Rain**

Mcdonough County

Colchester **25** **1620CST**
Power lines down **0** **0** **20K** **1.9M** **Thunderstorm Wind (EG60)**

Mcdonough County

Macomb **25** **1630CST**
Trees down **0** **0** **20K** **Thunderstorm Wind (EG60)**

Mcdonough County

Industry **25** **1640CST**
Power lines down **0** **0** **20K** **1.9M** **Thunderstorm Wind (EG60)**



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ILLINOIS, Northwest

McDonough County

Macomb	25	1640CST 1840CST			0	0	20K		Flash Flood
Bushnell	25	1645CST			0	0	20K	1.9M	Thunderstorm Wind (EG60)

Thunderstorms developed over Southeast Iowa and West Central Illinois during the afternoon and evening hours producing heavy rain and strong winds of 40 to 60 mph. Rainfall of 2 to 5 inches occurred over a period of a few hours with most of it falling in about an hour. Oakland Mills reported 3.65 inches of rain in a 90 minute period. In Mt Pleasant, Iowa several cars became disabled due to high water on city streets, and in Macomb, Illinois the McDonough County Dive Rescue Team stood by as motorists were pulled from cars in the flooded by pass. About 25,000 acres of corn in McDonough County Illinois was flattened.

Bureau County

3.6 NNW Zearing to 1.6 S La Moille	28	1330CST 1345CST			0	0	350K		Hail(1.00)
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Thunderstorms moved across Bureau County during the early afternoon and produced hail ranging from dime to quarter size in a swath one mile wide and just over 3 miles long. About 2500 acres were affected with 10% totally destroyed.

IOWA, East Central and Southeast

Buchanan County

Fairbank	04	1100CST 1105CST			0	0	10K		Hail(0.75)
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5 minute duration

A thunderstorm produced isolated three quarter inch hail in far northern Buchanan County in and around the Fairbank area, causing some crop damage that affected about 50 acres.

IAZ052>054-065

Linn - Jones - Jackson - Cedar

	10	0306CST 0510CST			0	0	800K	200K	High Wind (MG51)
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KCID ASOS measured 49 knots

A strong low level jet developed thunderstorms in western Iowa that moved rapidly east. Strong mid level winds allowed a wake low to develop that brought sustained winds of 35 to 45 mph for 15 minutes with gusts to 60 mph to parts of eastern Iowa. A Centurion Aircraft was flipped over at the Cedar Rapids Airport (KCID) where a gust to 49 knots (56 mph) was recorded along with damage to buildings. As the wake low passed just south of the Cedar Rapids Airport, a pressure difference of 5.8 mb (0.17 inches) was observed between KCID and KIOU (Iowa City Airport). Just south of Oxford Junction, a private weather company recorded a 2 mb (0.06 inch) pressure drop in 5 minutes as the wake low approached. The area affected was Southern Linn, Southern Jones, far Northern Cedar, and Southern Jackson counties. Numerous 8 inch tree limbs and power lines were down in Cedar Rapids. Across Southern Jones and Northern Cedar counties, numerous reports of tree limbs and power lines down were reported in or near Martelle, Olin, Wyoming, Oxford Junction, Mechanicsville, Stanwood, and Clarence. In Maquoketa, a 12 foot tree limb just missed a house and a garage.



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IOWA, East Central and Southeast

Buchanan County

Independence	10	1910CST			0	0			Funnel Cloud
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Also reported by spotters.

Delaware County

1 W Manchester	18	1245CST			0	0			Thunderstorm Wind (EG57)
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Large tree down across highway

Linn County

Hiawatha	18	1430CST			0	0			Hail(0.88)
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A line of thunderstorms from Waterloo Iowa to Galena Illinois produced pulse severe storms that resulted in localized high wind and hail damage during the afternoon.

Henry County

Countywide	25	1430CST			0	0	50K		Heavy Rain
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1630CST

Urban flooding

Thunderstorms developed over Southeast Iowa and West Central Illinois during the afternoon and evening hours producing heavy rain and strong winds of 40 to 60 mph. Rainfall of 2 to 5 inches occurred over a period of a few hours with most of it falling in about an hour. Oakland Mills reported 3.65 inches of rain in a 90 minute period. In Mt Pleasant, Iowa several cars became disabled due to high water on city streets, and in Macomb, Illinois the McDonough County Dive Rescue Team stood by as motorists were pulled from cars in the flooded by pass. About 25,000 acres of corn in McDonough County Illinois was flattened.

MISSOURI, Northeast

Clark County

1 S Alexandria	25	1645CST			0	0	10K	4.8M	Thunderstorm Wind (EG60)
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A line of strong storms moved across Clark County in the late afternoon damaging 20,000 acres of crops (17,000 corn and 3,000 wheat) near the Alexandria area.